

ABSTRACT

The invention provides isolated nucleic acids molecules, designated 80091 nucleic acid molecules, which encode novel ubiquitin carboxy-terminal hydrolase members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 80091 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which an 80091 gene has been introduced or disrupted. The invention still further provides isolated 80091 proteins, fusion proteins, antigenic peptides and anti-80091 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

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